

BT-70791BGHT



High Capacity, High Temp, Rechargeable, Lithium-Ion Battery

Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3 Rating: 294Wh
- Comparable to: BB-2590A/U, BT-70701Bx, BT-70791Cx and BT-70791Jx
- High temperature performance
- Designed, manufactured, and tested to MIL-PRF-32052/1
- Absolute state of charge indicator
- Visit: www.bren-tronics.com/patents for patent information
- CE and UKCA Compliant

Typical Applications

- Robots
- Surveillance / Sensors
- THOR III (AN/PLT-5) IED Jammers
- AN/PRC-117F/117G, AN/PRC-119, AN-PRC-150, AN-PRC-158 Radios

Charging Platforms (more options on-line bren-tronics.com/chargers)

Platform / Type (see bren-tronics.com for details and options)	Part Number
Bulk ABC: Advanced Battery Charger (CE)	BTC-70100
Bulk SPC: Soldier Portable Charger (CE)	BTC-70844
Bulk SPC: Soldier Portable Charger	BTC-70801
Bulk SPC Lite: Soldier Portable Charger - Lite (CE)	BTC-70819
Bulk FLEX: Field Lightweight Exp (CE)	BTC-70911
Bulk VMC Mini: Vehicle Mount, Mini (CE)	BTC-70988
Single Advanced Mid Rate Full Charge (CE)	BTC-70903AS
Single Advanced Mid Rate (CE)	BTC-70844AS
Single Low Rate or Mid Rate	BTC-70791xxxx

Technical Specifications

National Stock Number	6140-01-630-4288
BT Part Number	BT-70791BGHT
Dimensions	Length: 4.4 in (112 mm) Width: 2.4 in (61 mm) Height: 5.0 in (127 mm)
Weight	3.1 lbs (1.4 kg)
Nominal Voltage	28.8V, Two (2) x 14.4V/Section
Maximum Voltage	33.6V, Two (2) x 16.8V/Section
Capacity	9.9Ah in 24V Mode; 19.8Ah in 12V Mode
Discharge	10A Max Continuous / Section
Pulse Discharge	18A (5 sec ON/25 sec OFF) / Section
Operating Temperature	-20°C to +70°C (-4°F to +158°F)
Recommended Storage Temperature	-40°C to +40°C (-40°F to +104°F)
Connector	6 Pin Floating Type per U.S. Army DWG# SC-C-179495
State of Charge Indicator	2 Separate 5 Segment LCDs with Constant Display
Disposal	Check local regulations (Contains 0% Mercury or Cadmium)

Bren-Tronics is an advanced designer and manufacturer of primary and rechargeable batteries, chargers and complete energy storage systems from watt hours to megawatt hours.

For a complete description of our products refer to Bren-Tronics website at: <http://www.bren-tronics.com>



HEADQUARTERS

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